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FIGURE 1A

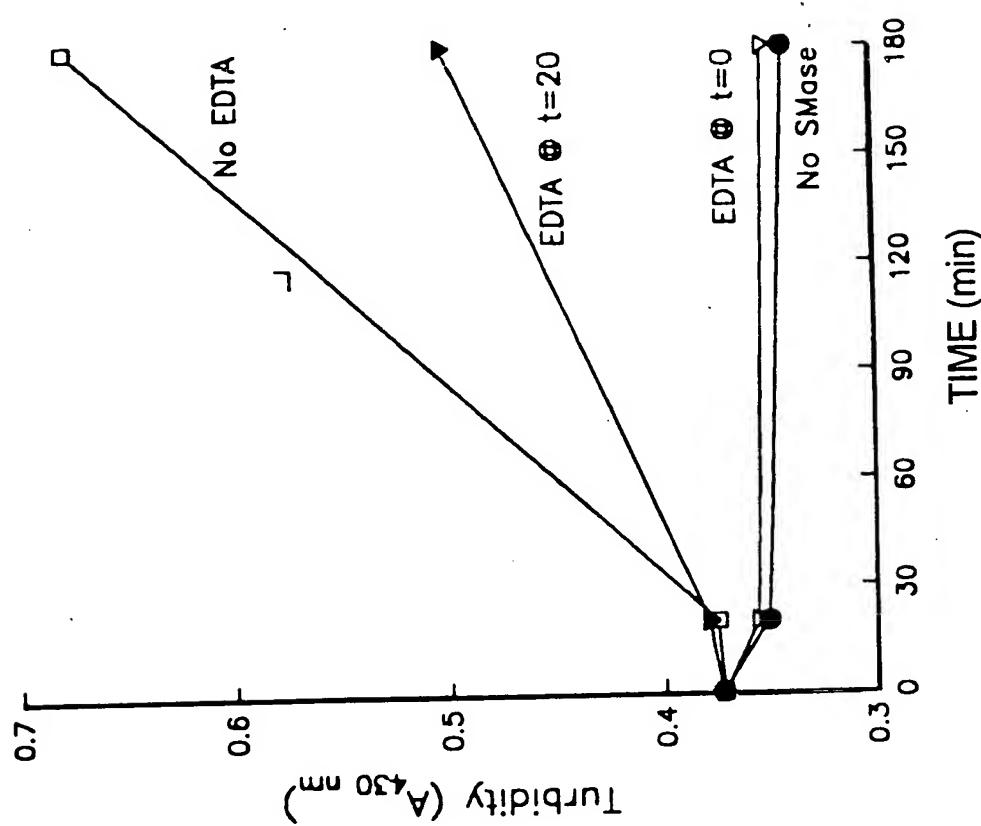
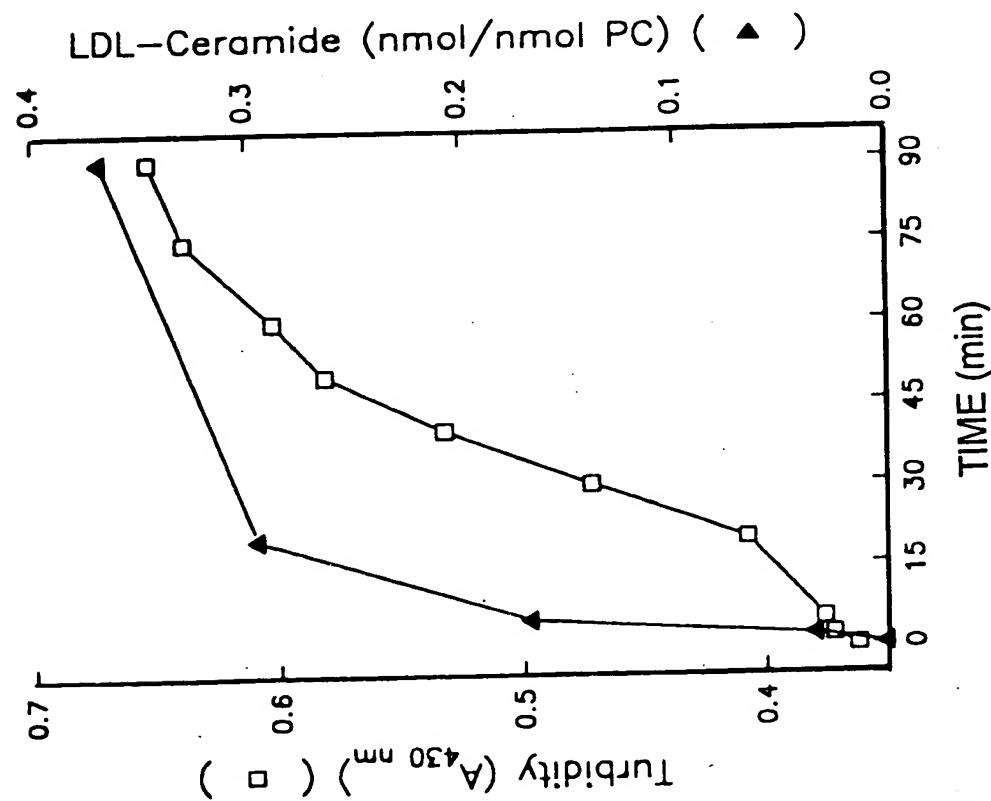
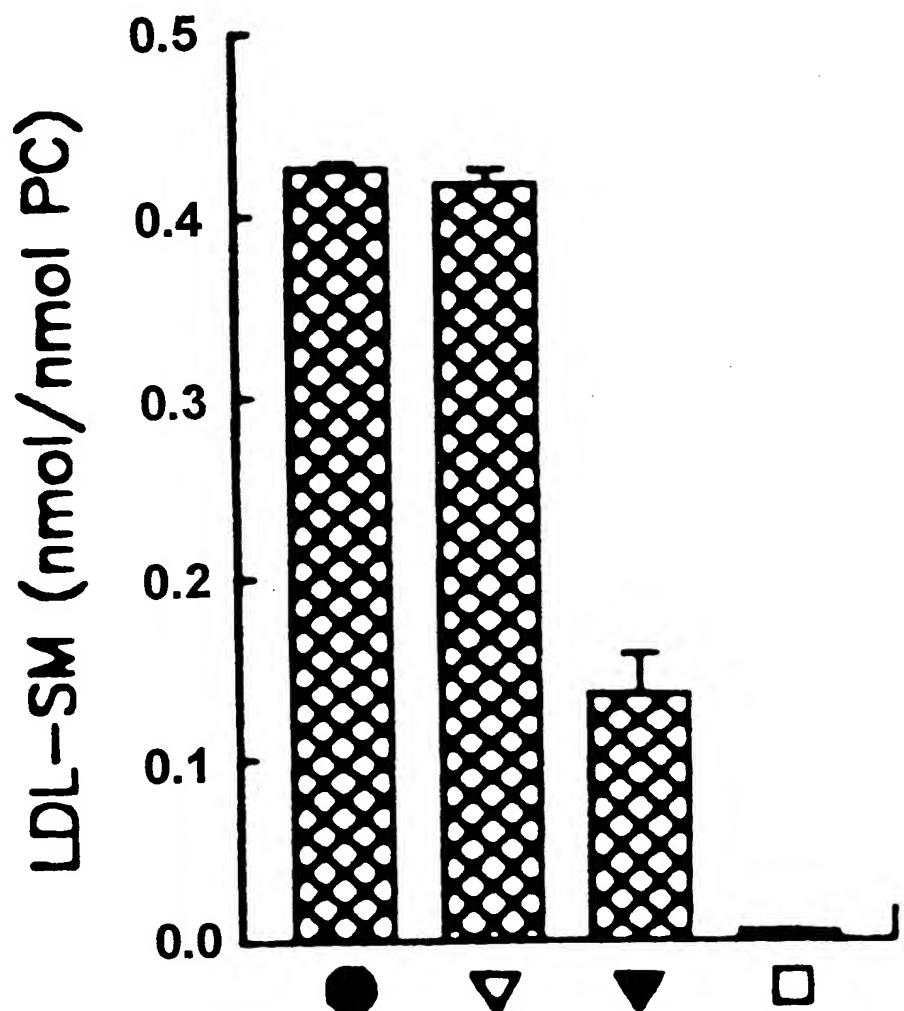


FIGURE 1B

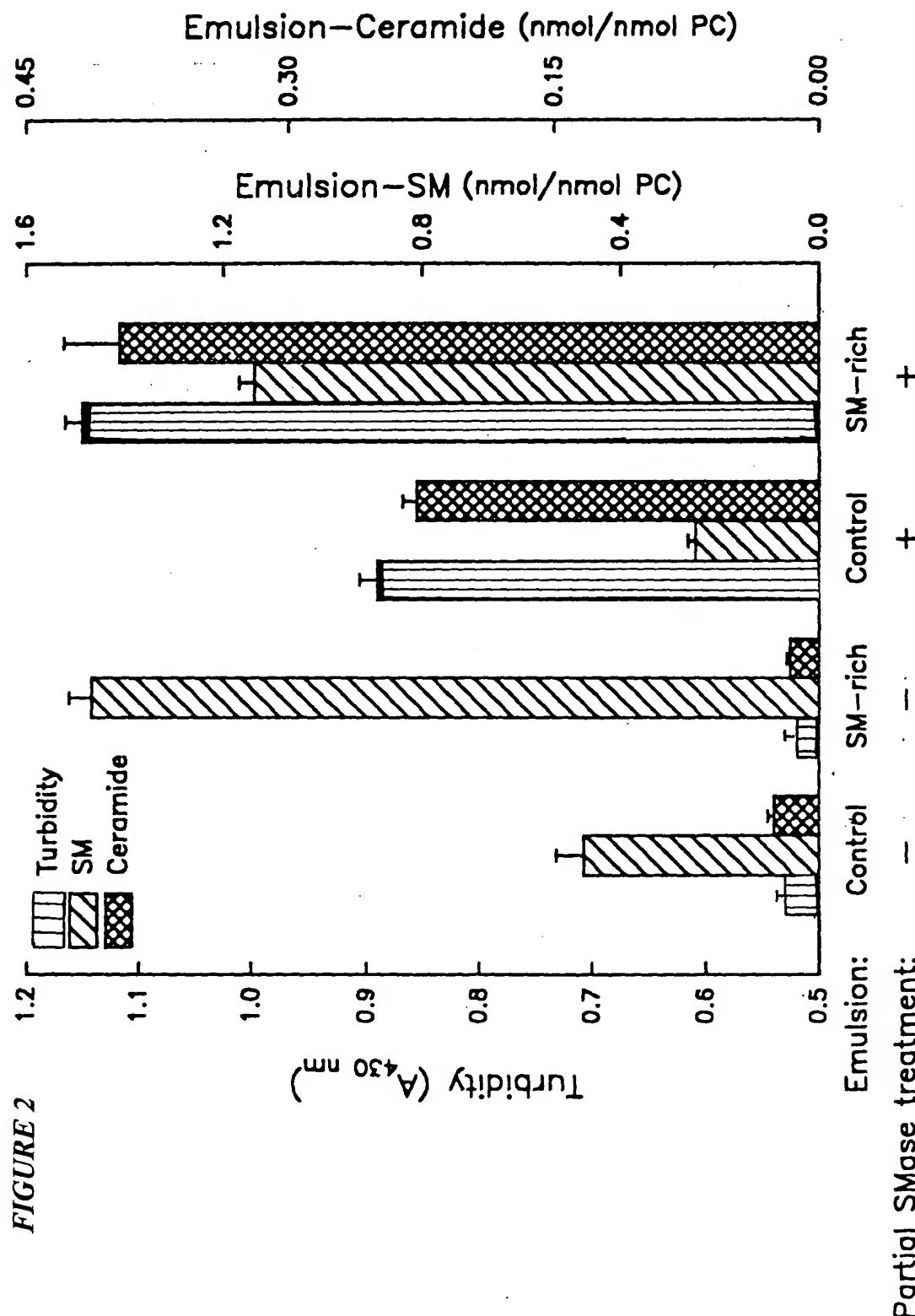


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FIGURE 1C

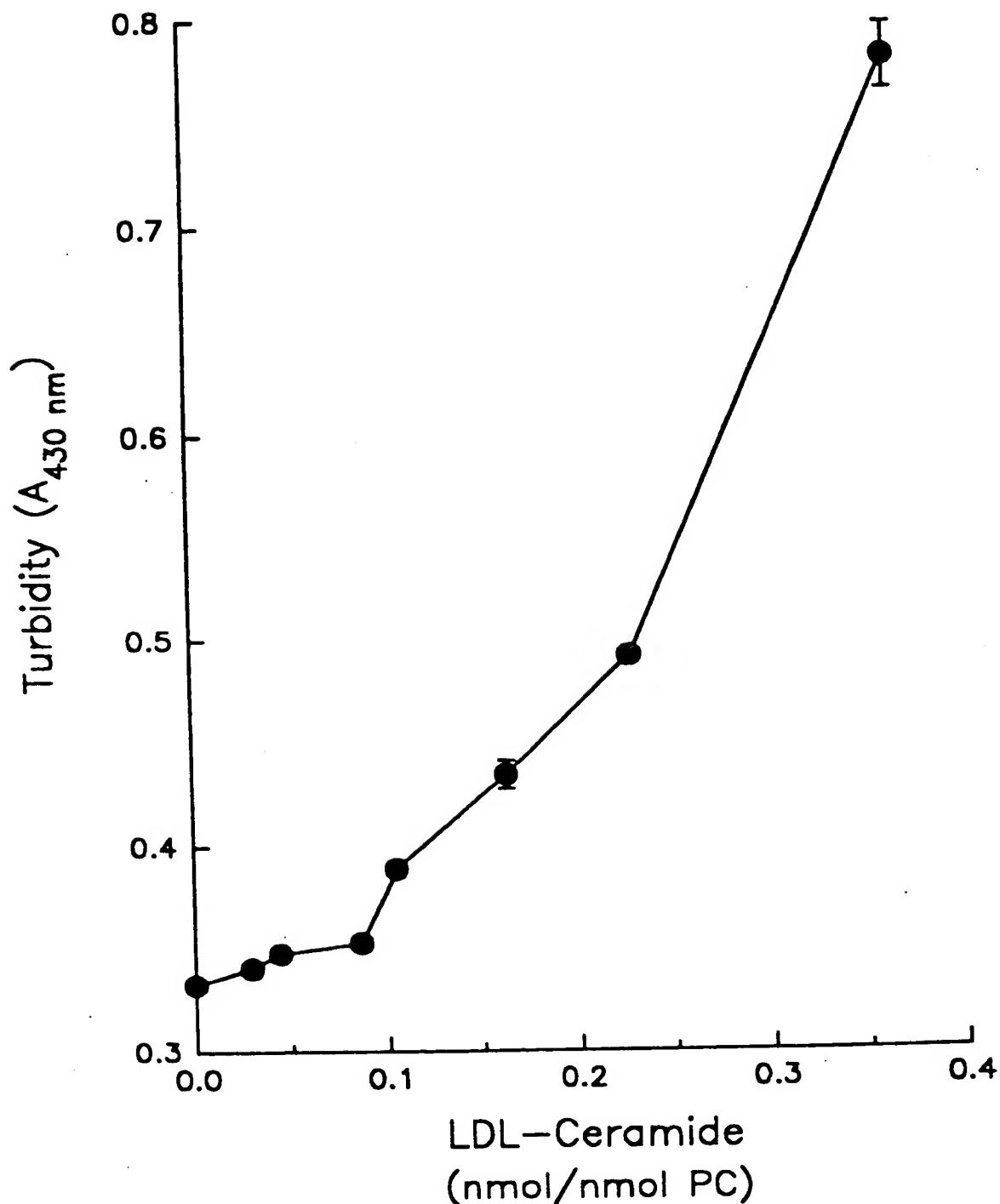


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FIGURE 3



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FIGURE 4A

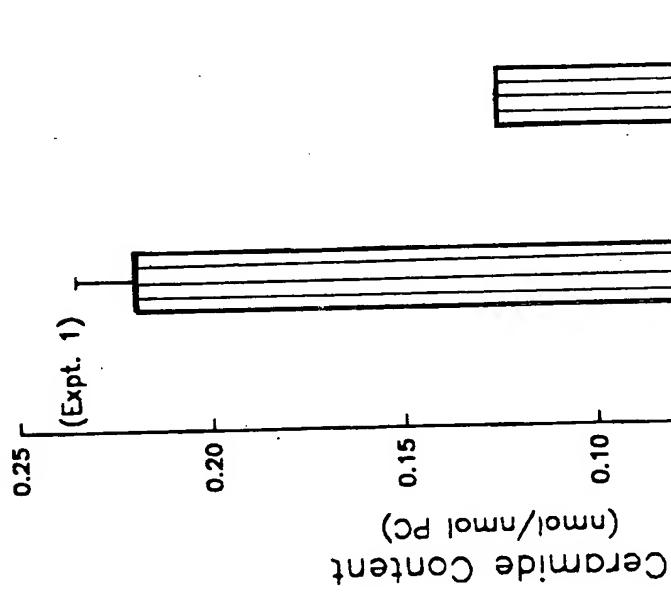


FIGURE 4B

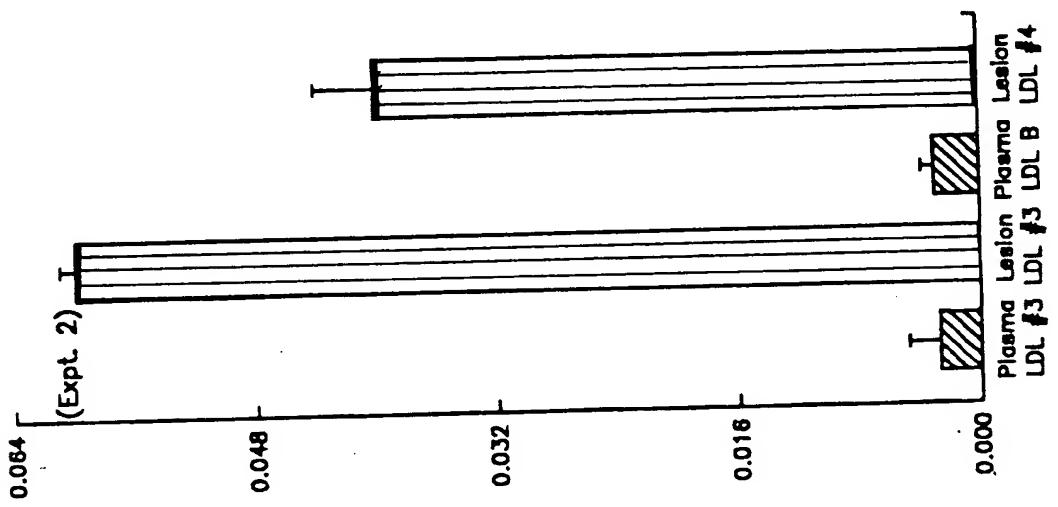
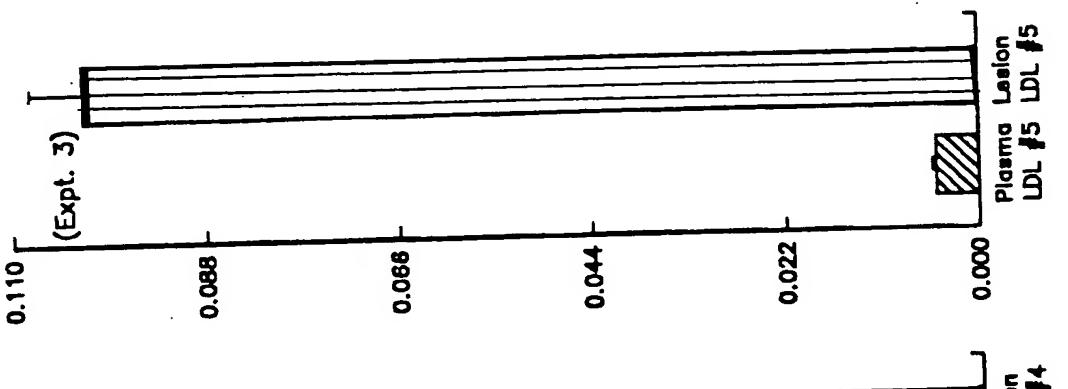
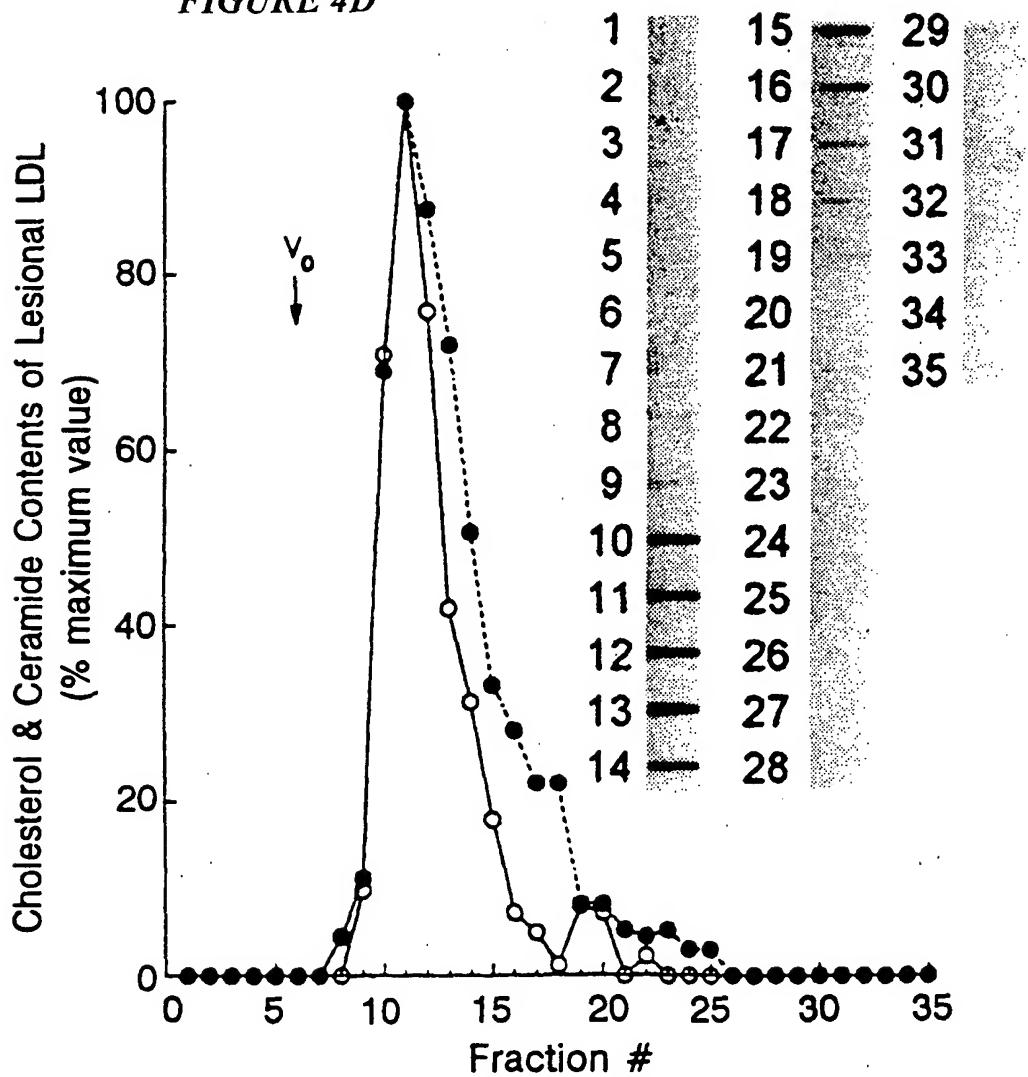


FIGURE 4C



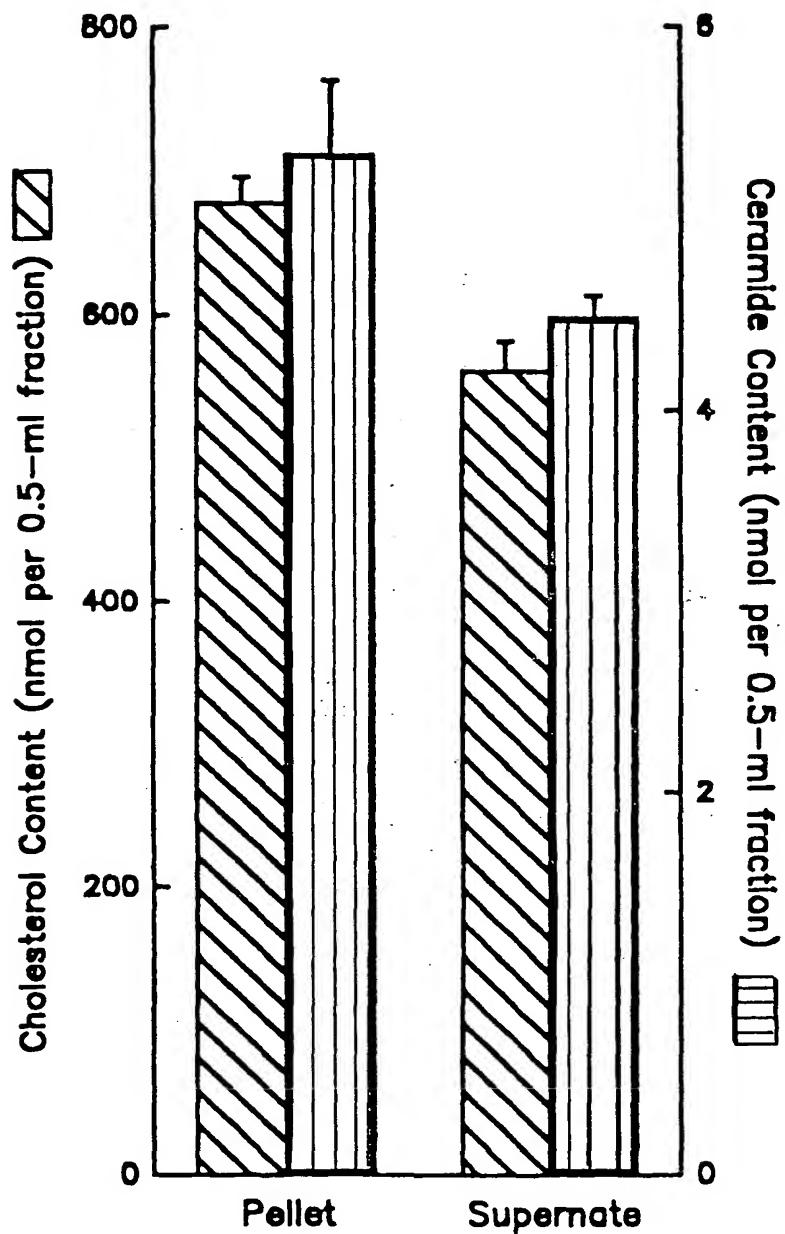
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FIGURE 4D



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FIGURE 5A



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FIGURE 5B

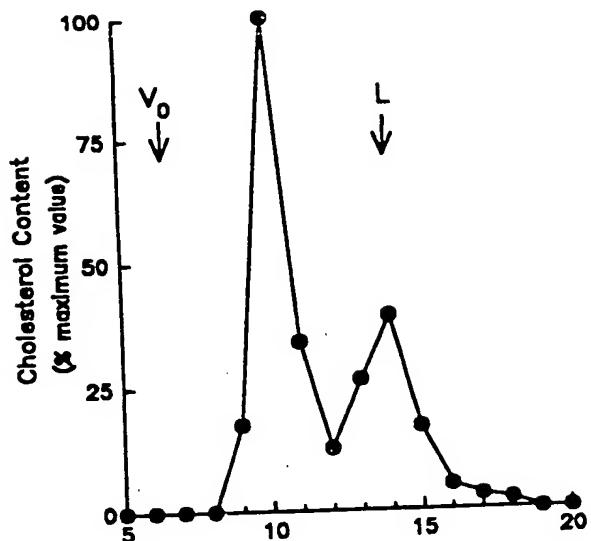


FIGURE 5C

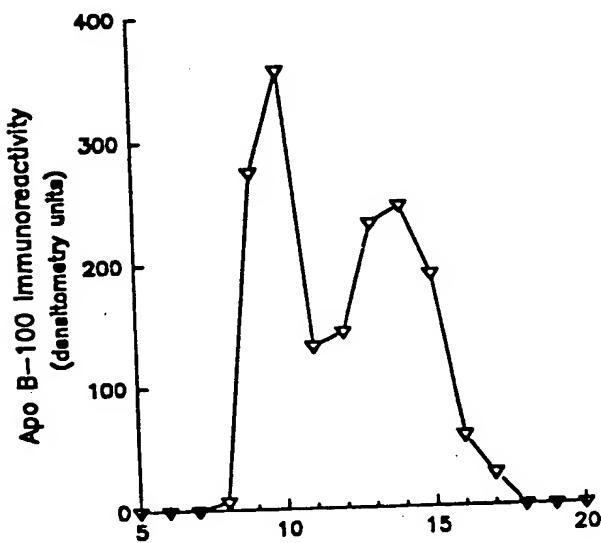
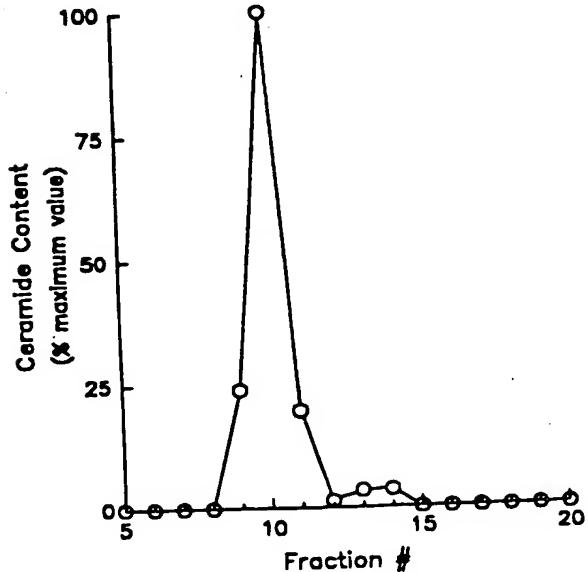


FIGURE 5D



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FIGURE 6A

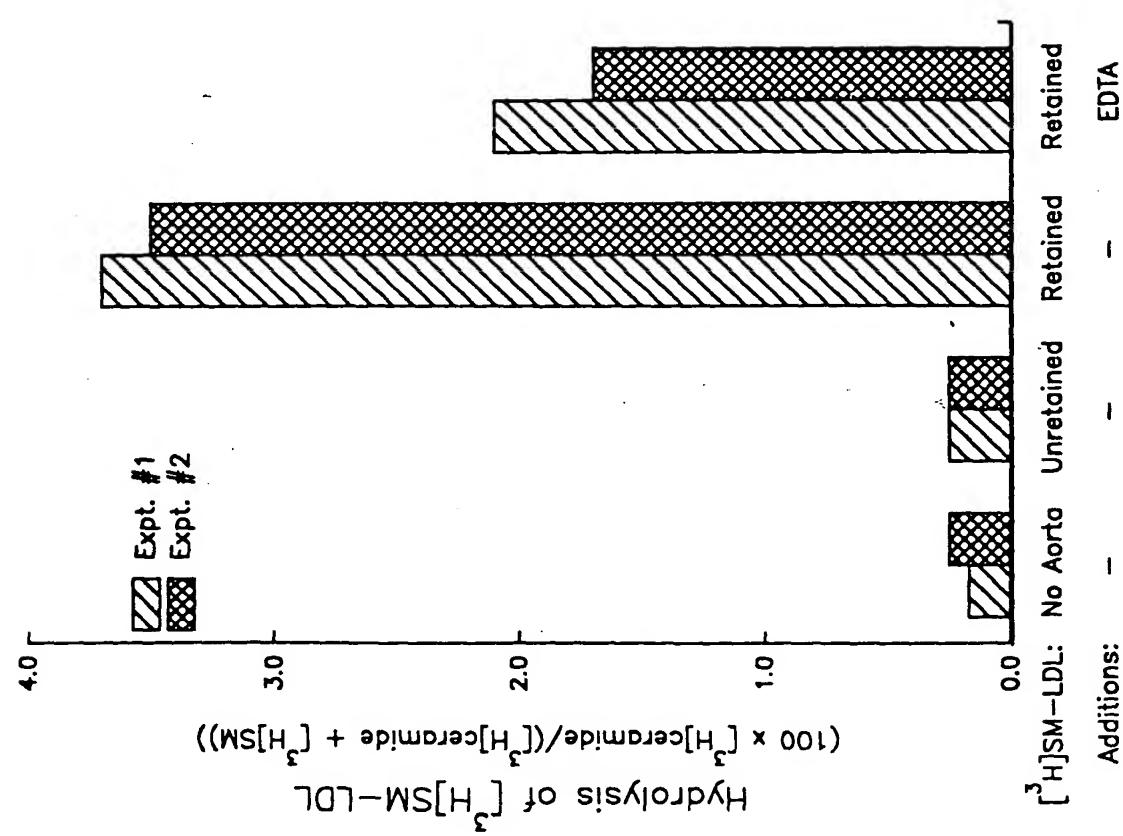
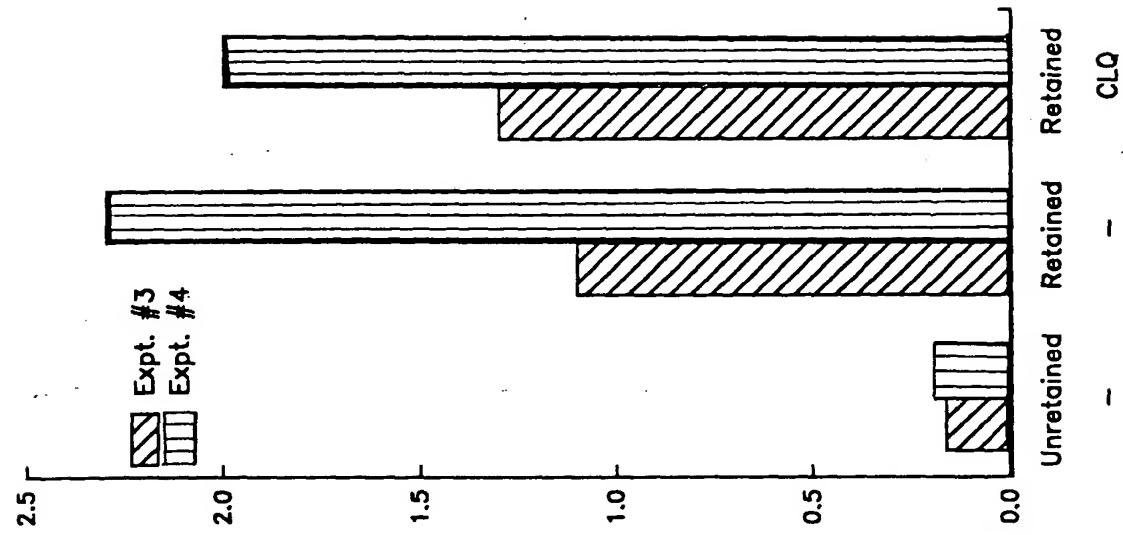


FIGURE 6B



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FIGURE 7A

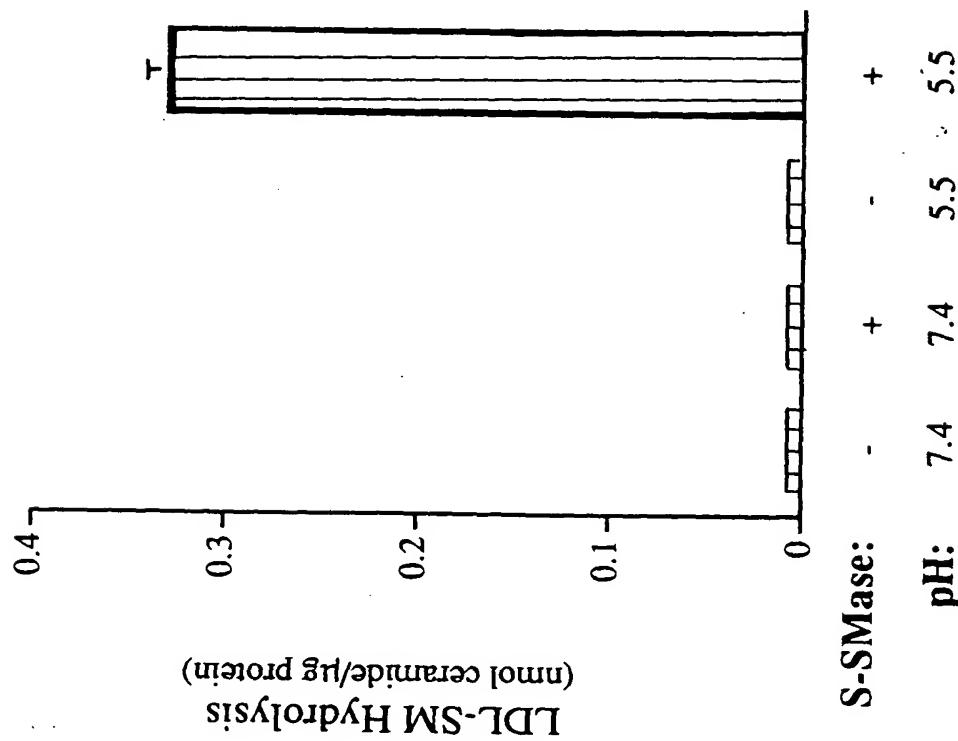
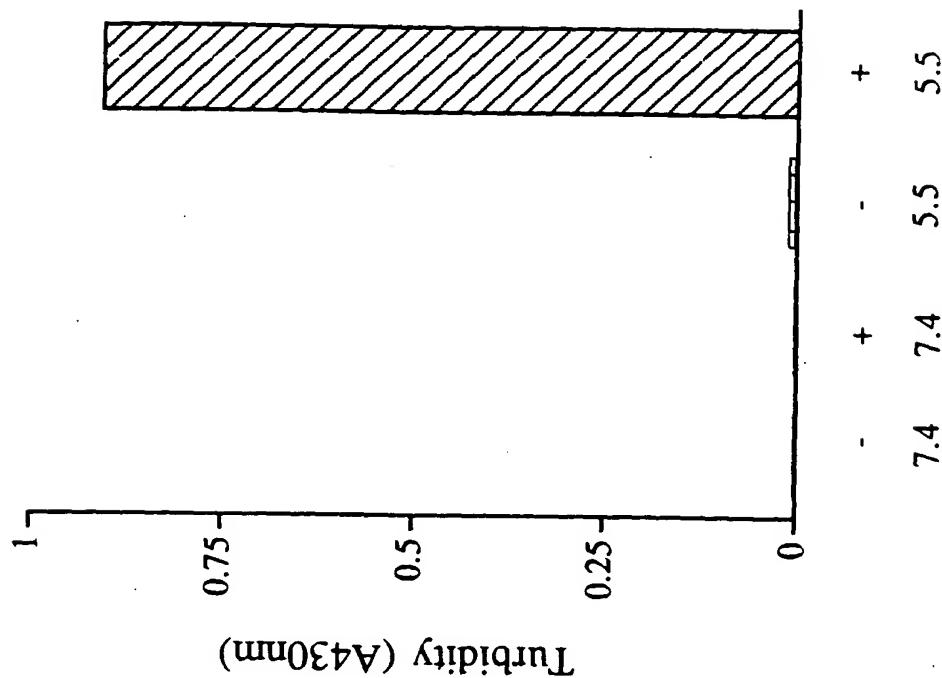
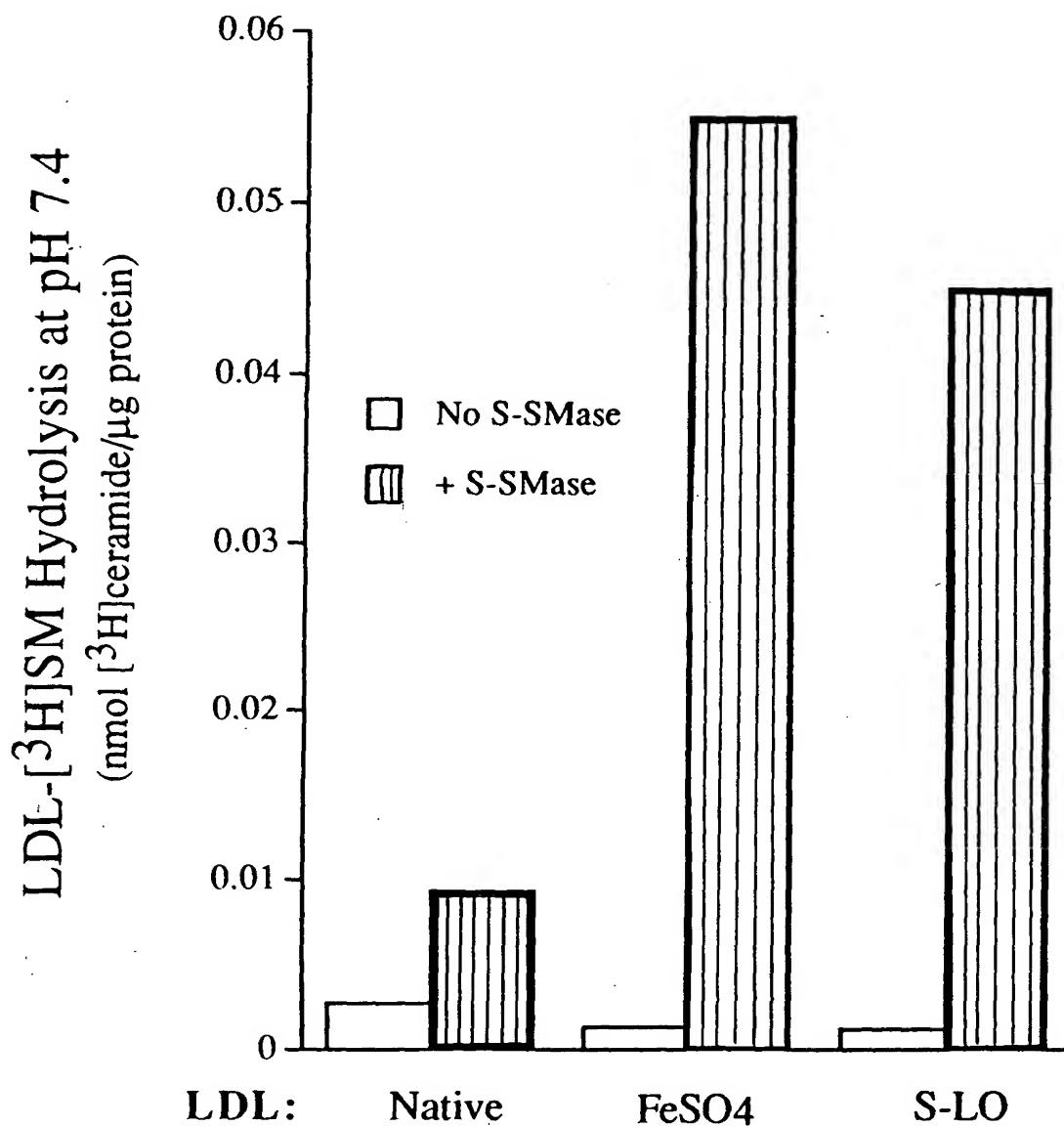


FIGURE 7B



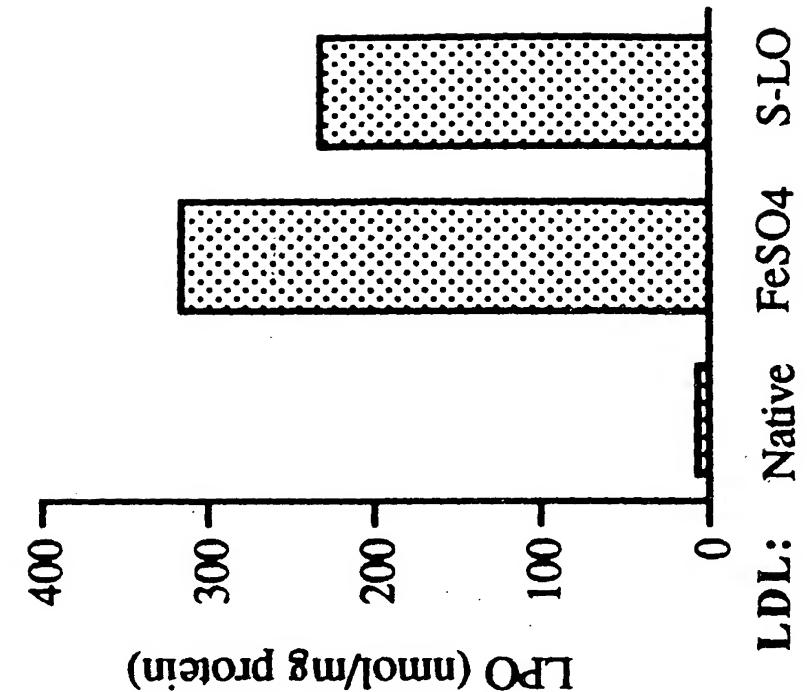
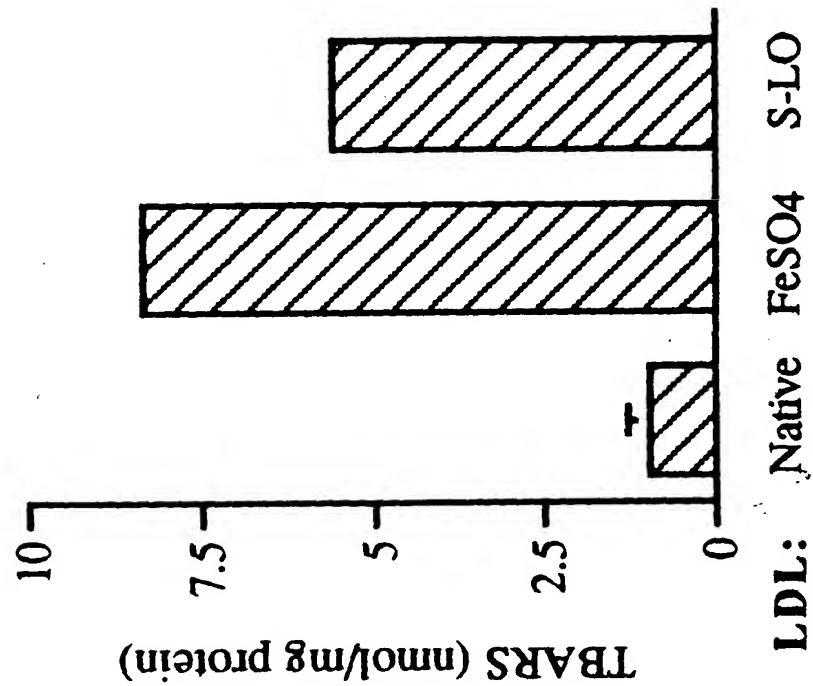
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FIGURE 8A



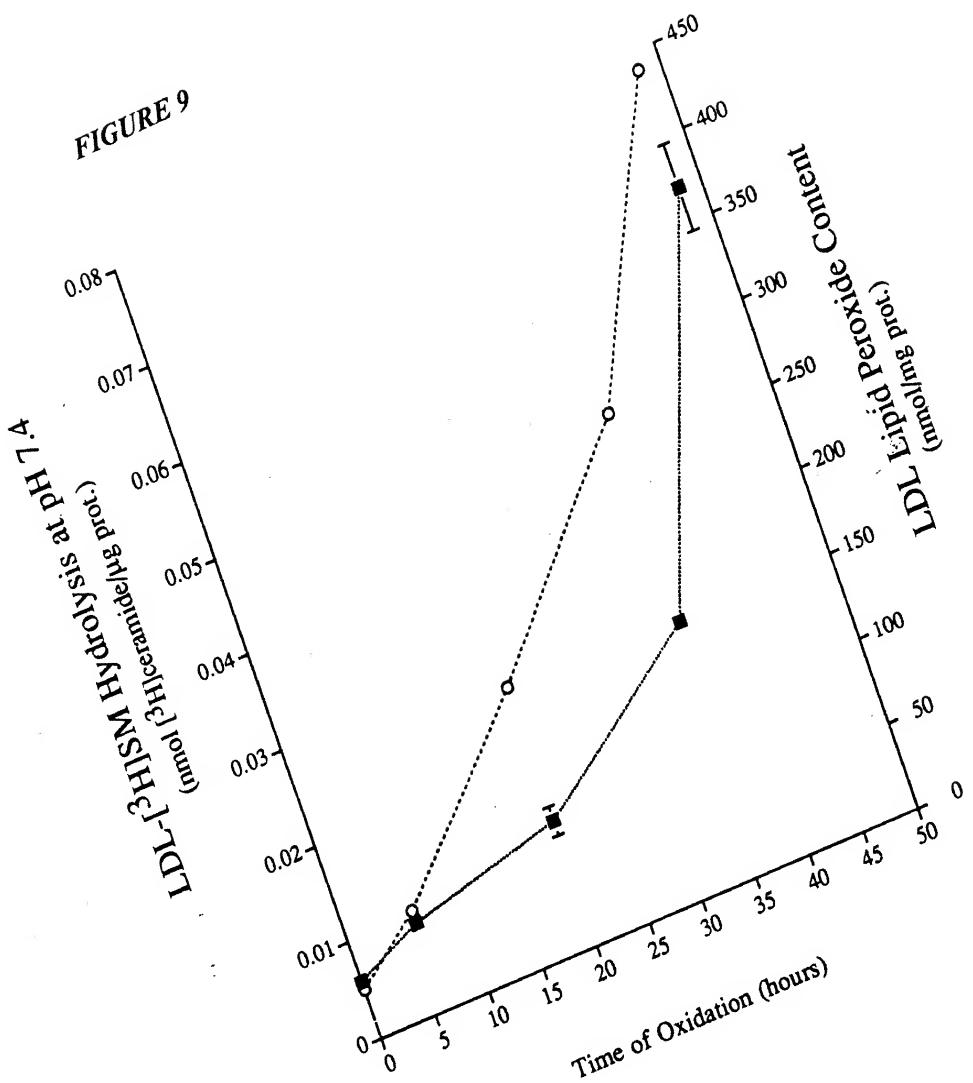
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FIGURE 8B
FIGURE 8C



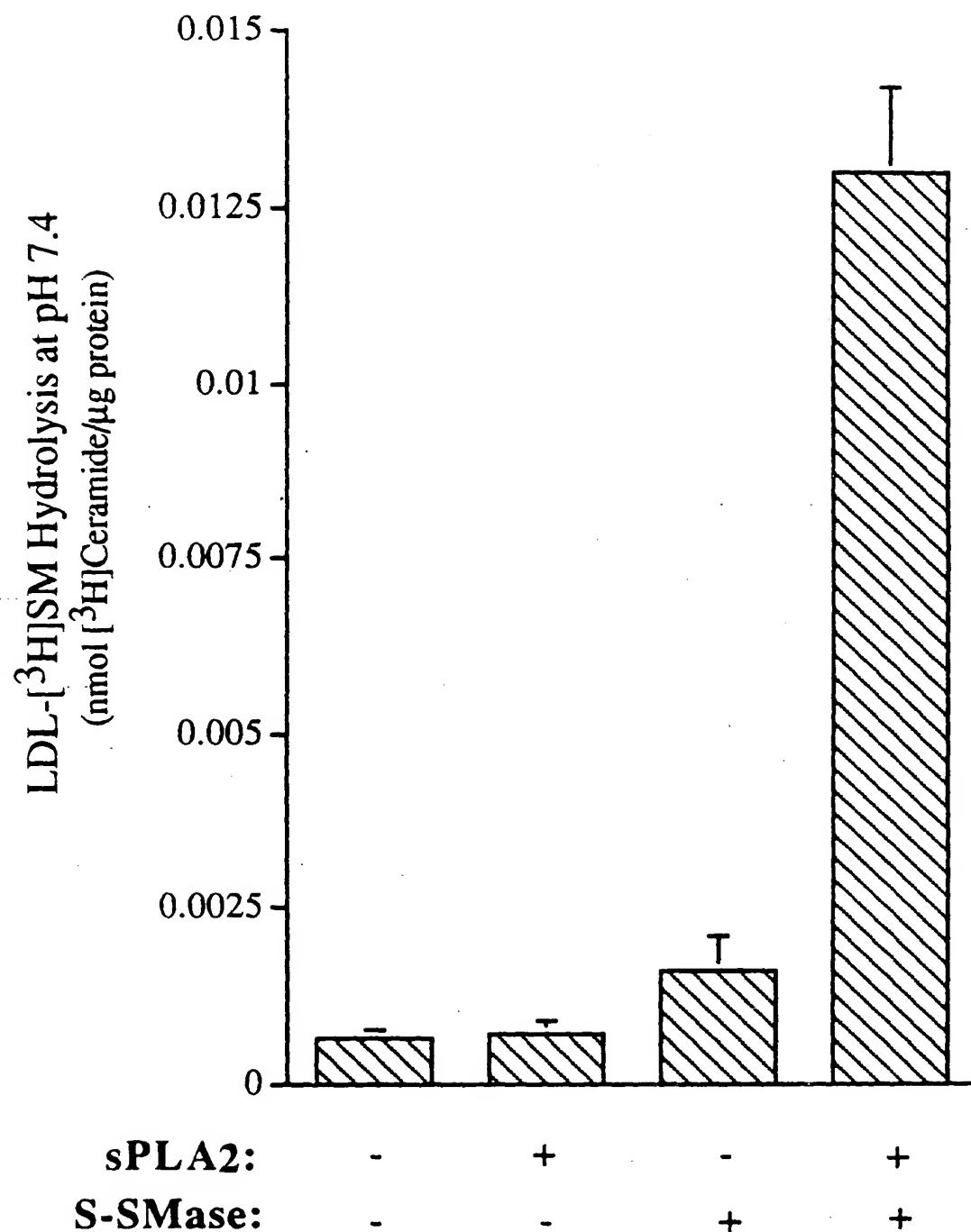
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FIGURE 9



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FIGURE 10



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FIGURE 11A

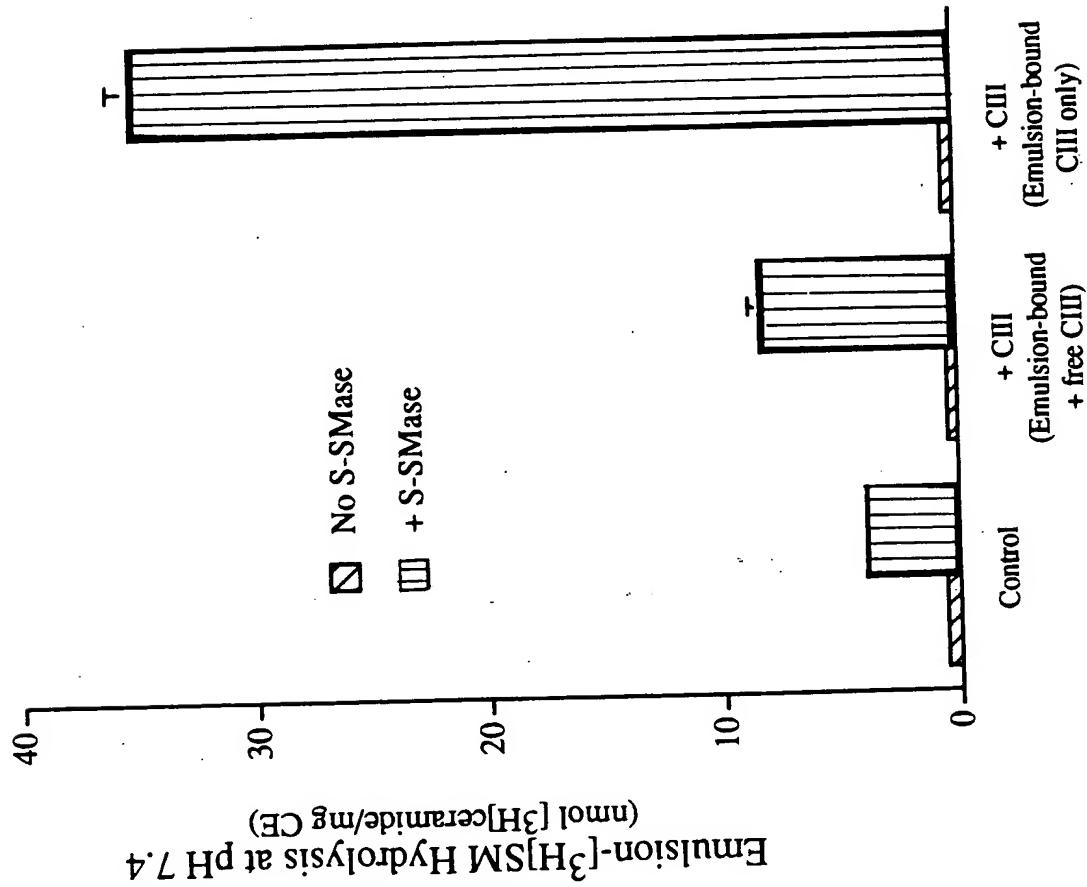
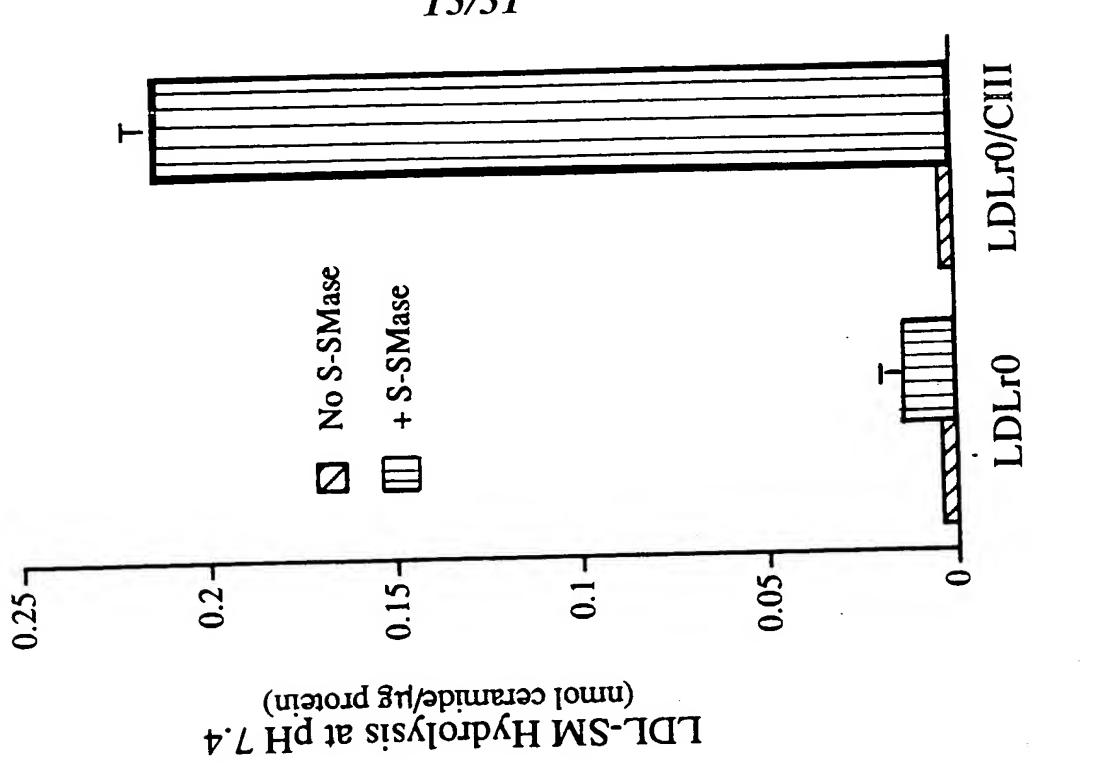


FIGURE 11B



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FIGURE 12A

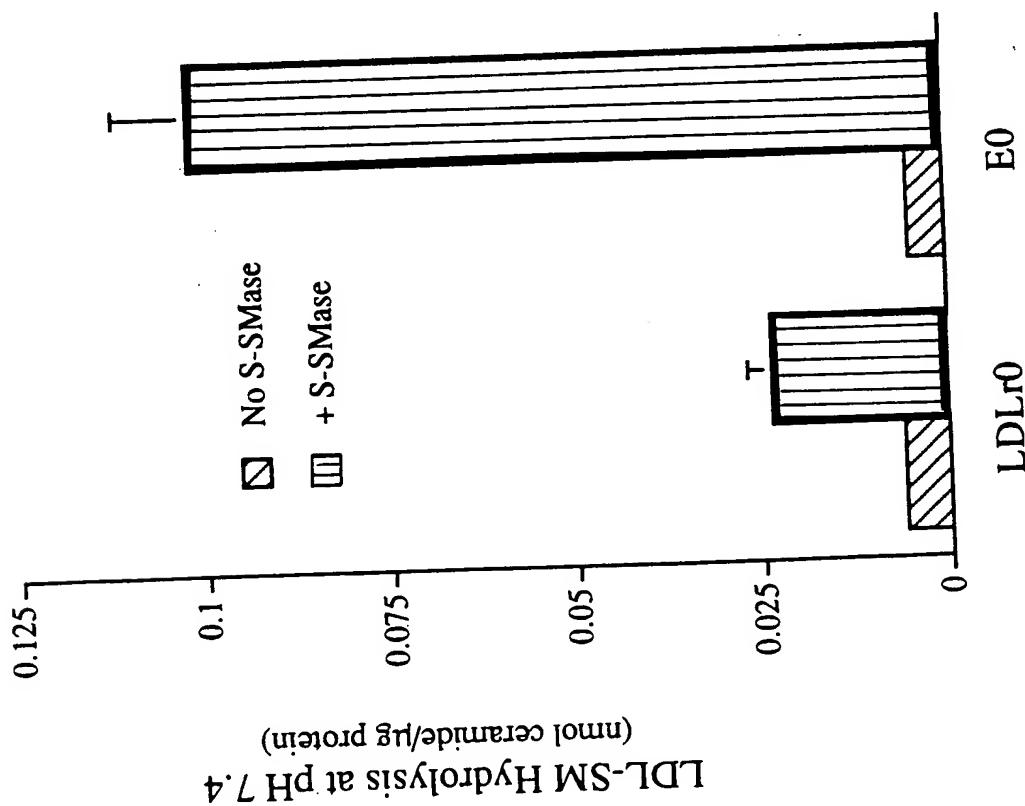
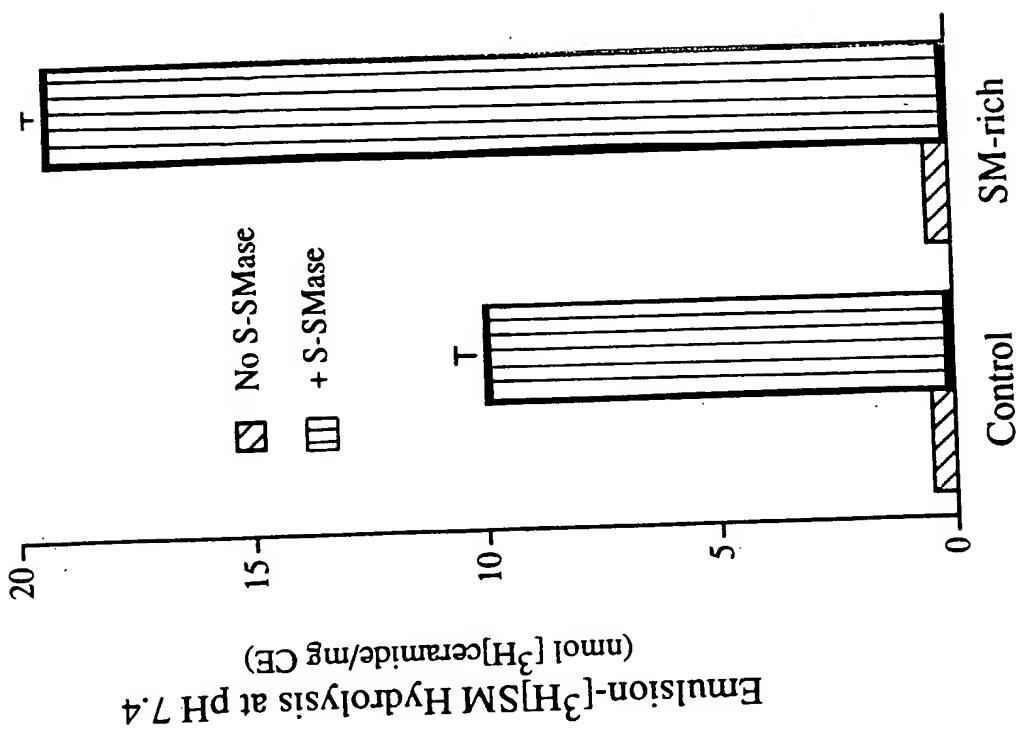
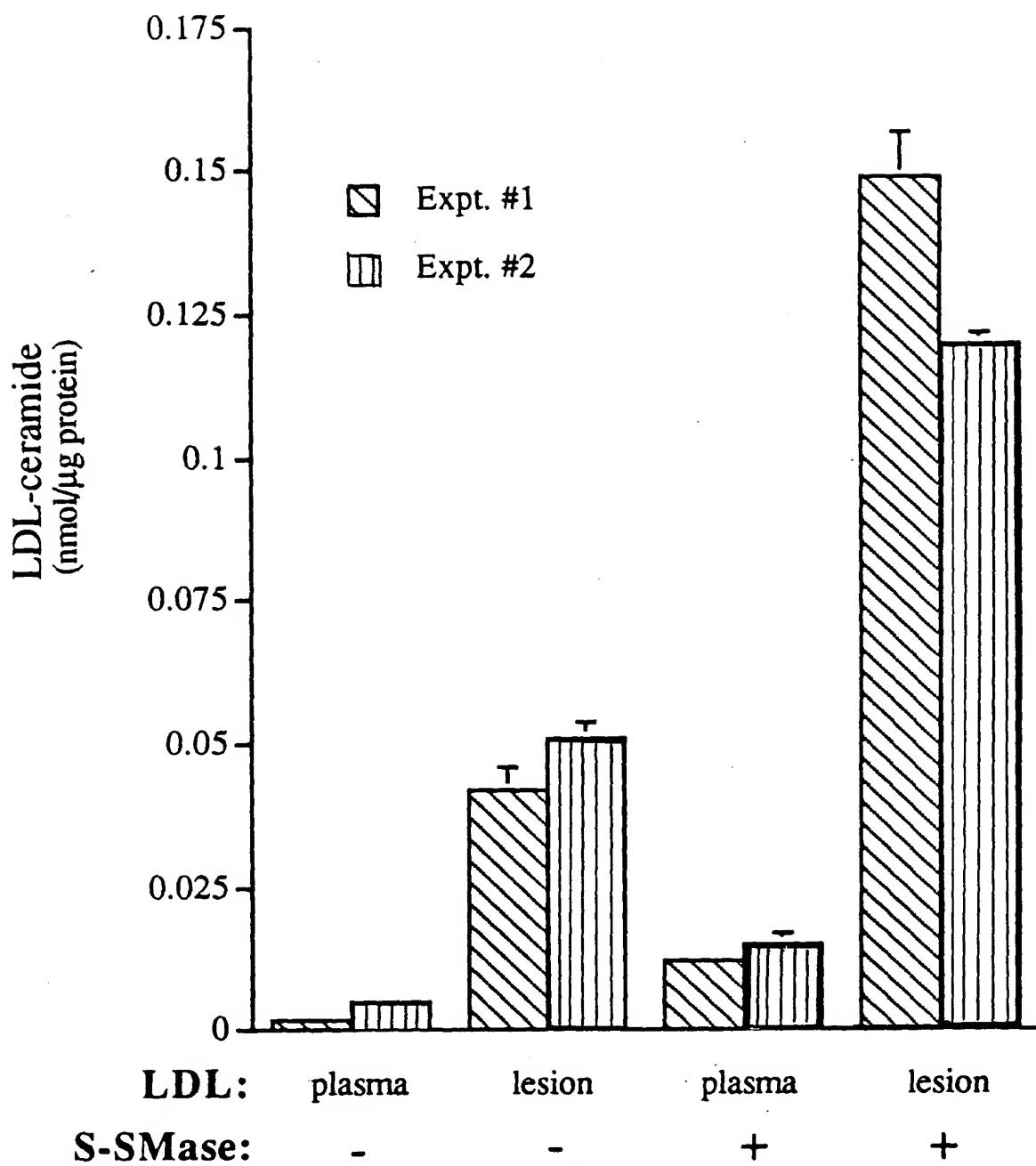


FIGURE 12B



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FIGURE 13



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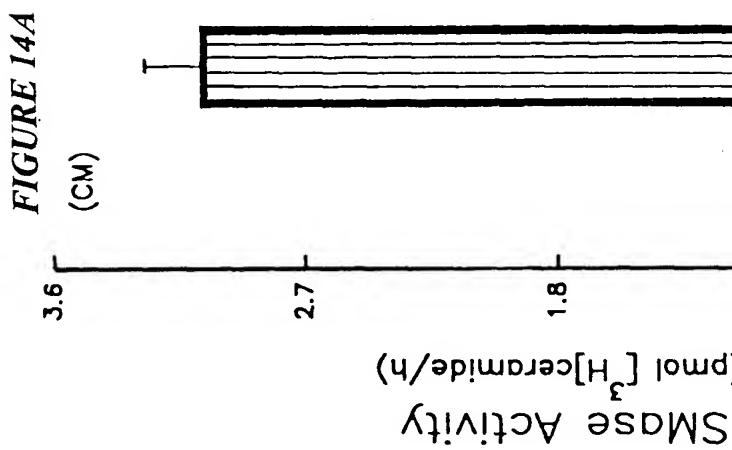
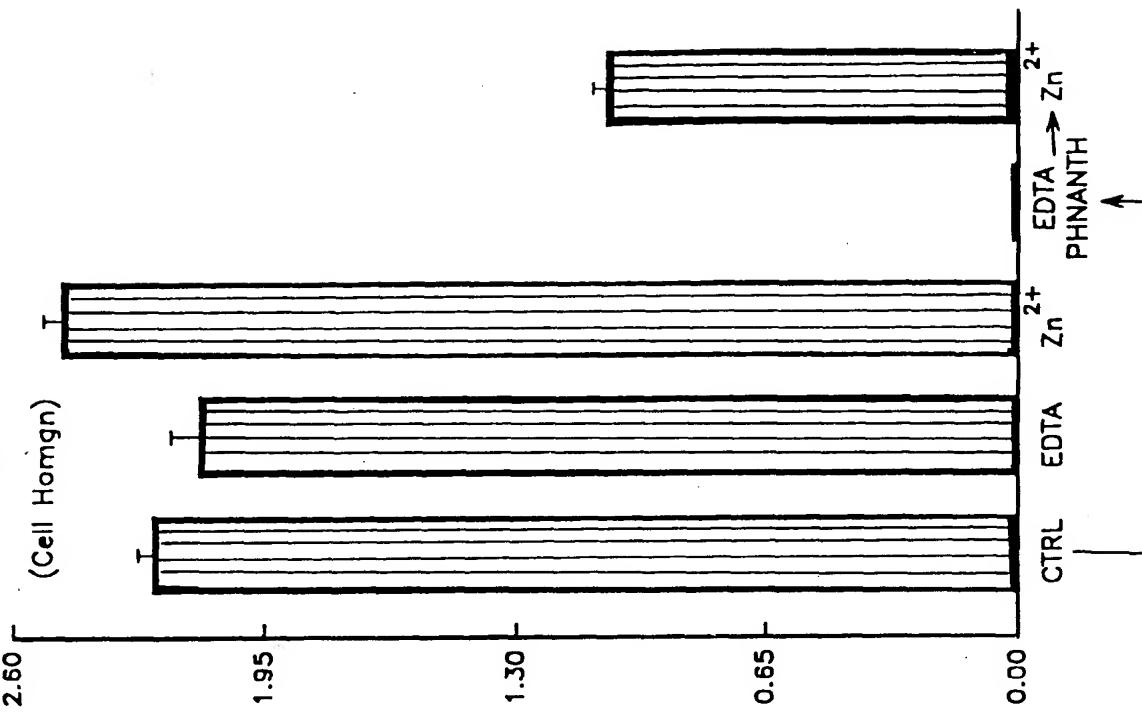


FIGURE 14B

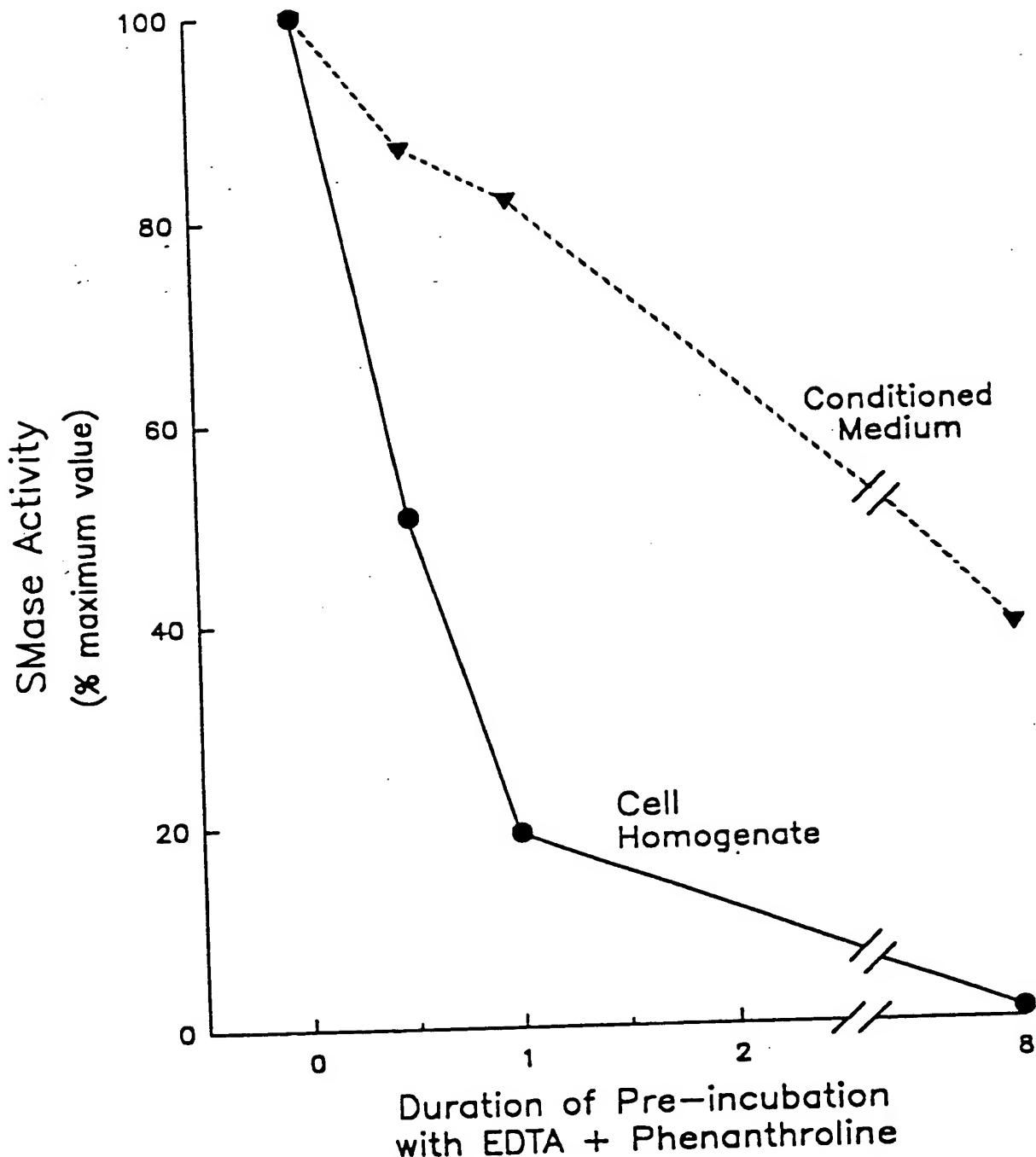


$Zn^{2+} \rightarrow Zn^{2+}$
 $EDTA \rightarrow EDTA$
 $PHNANTH \rightarrow PHNANTH$

$Zn^{2+} \rightarrow Zn^{2+}$
 $EDTA \rightarrow EDTA$
 $PHNANTH \rightarrow PHNANTH$

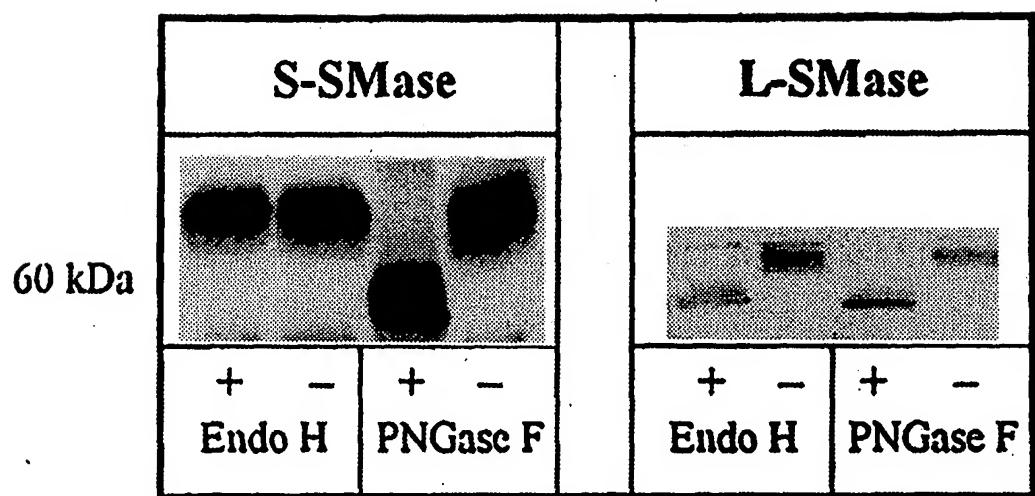
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FIGURE 15

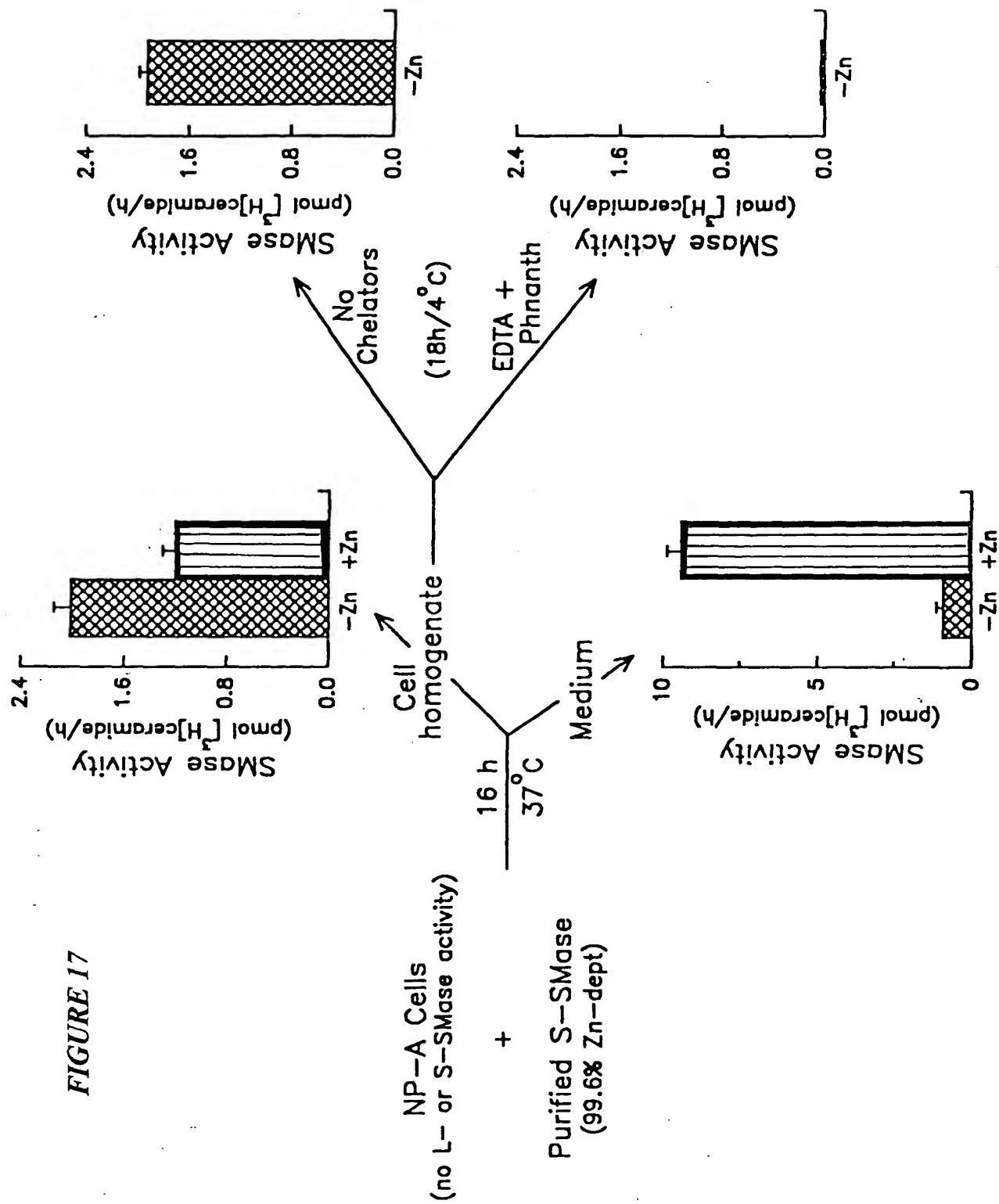


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FIGURE 16



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FIGURE 18A

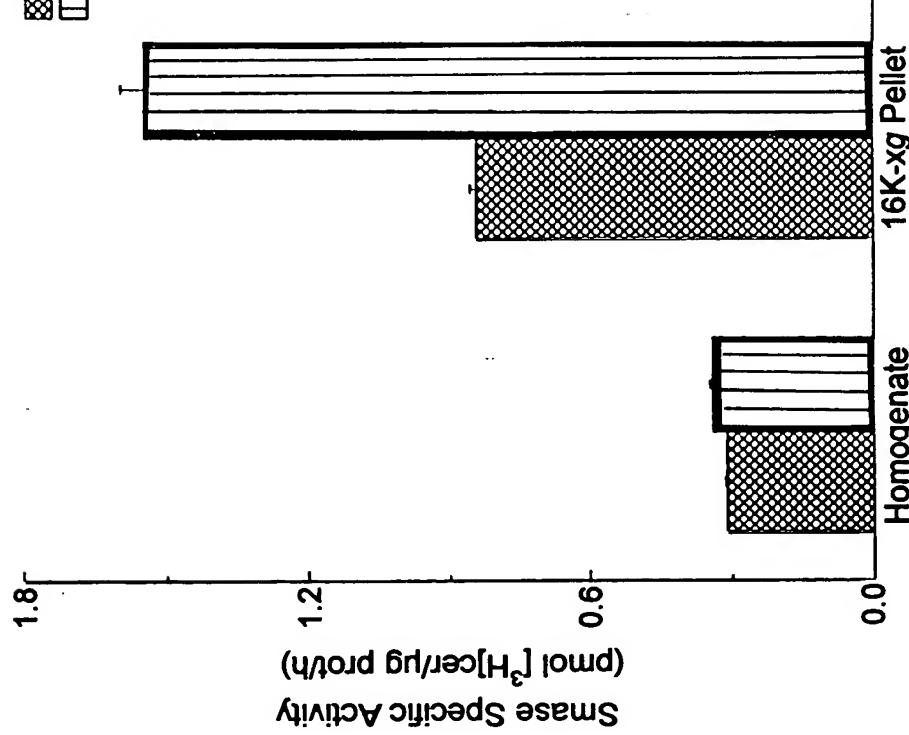
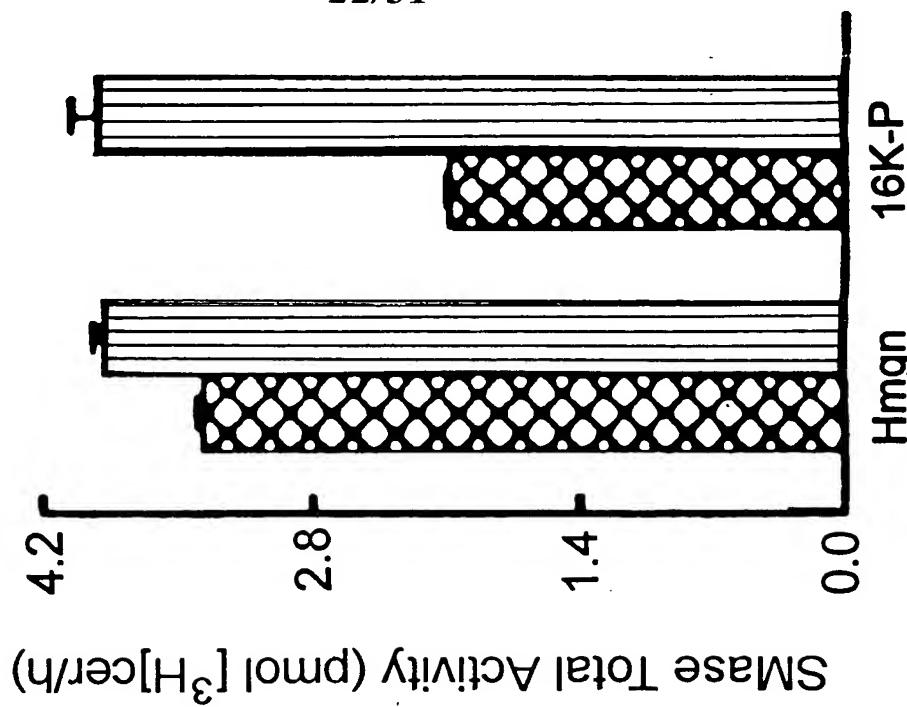
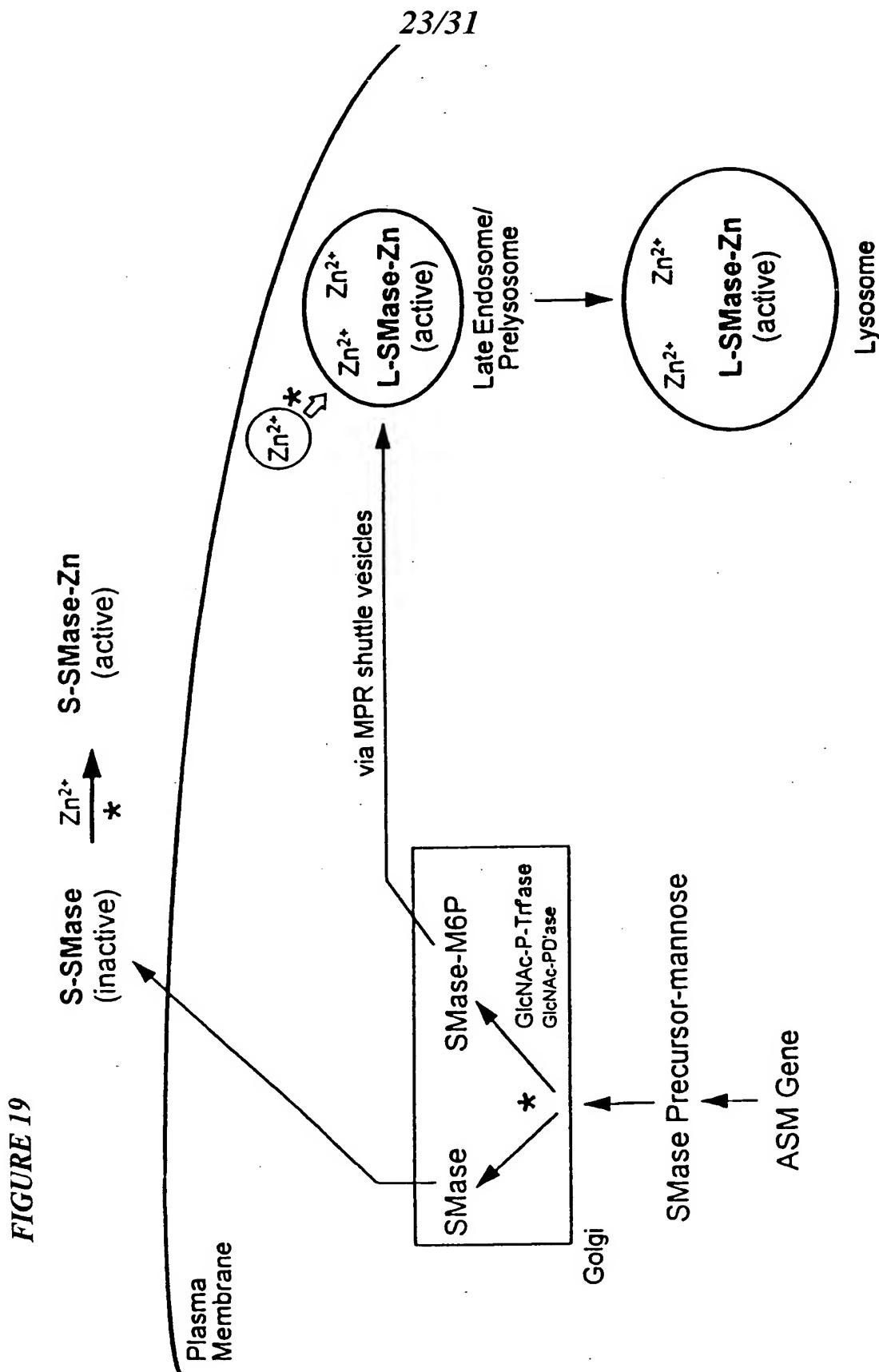


FIGURE 18B





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FIGURE 20A

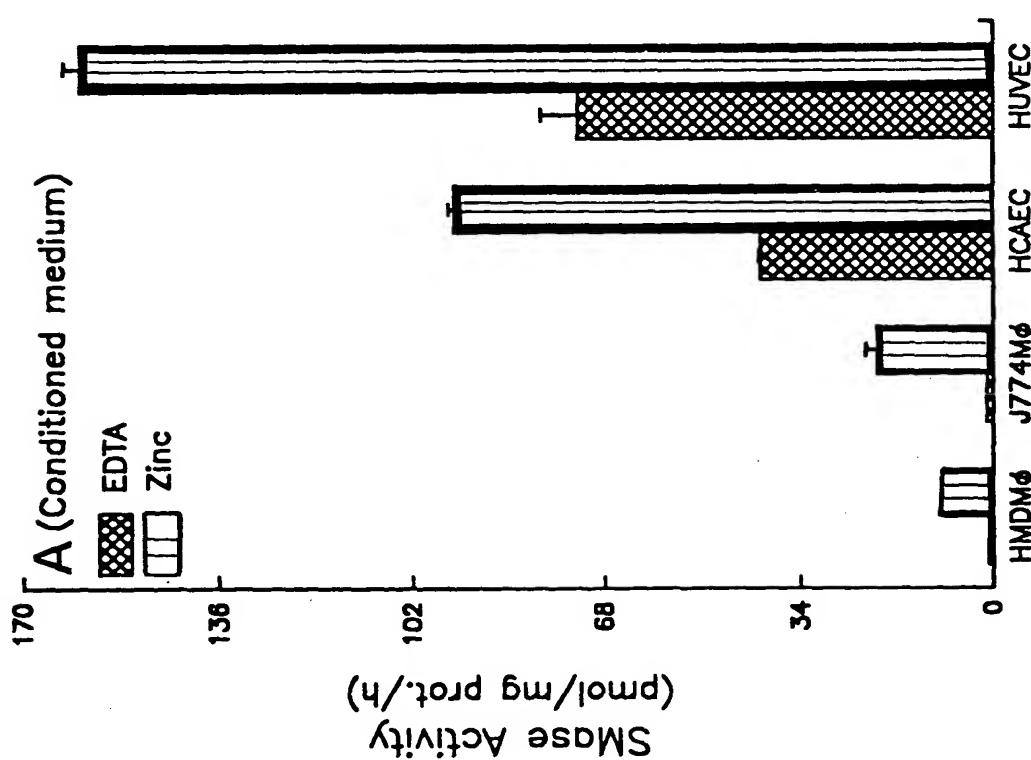
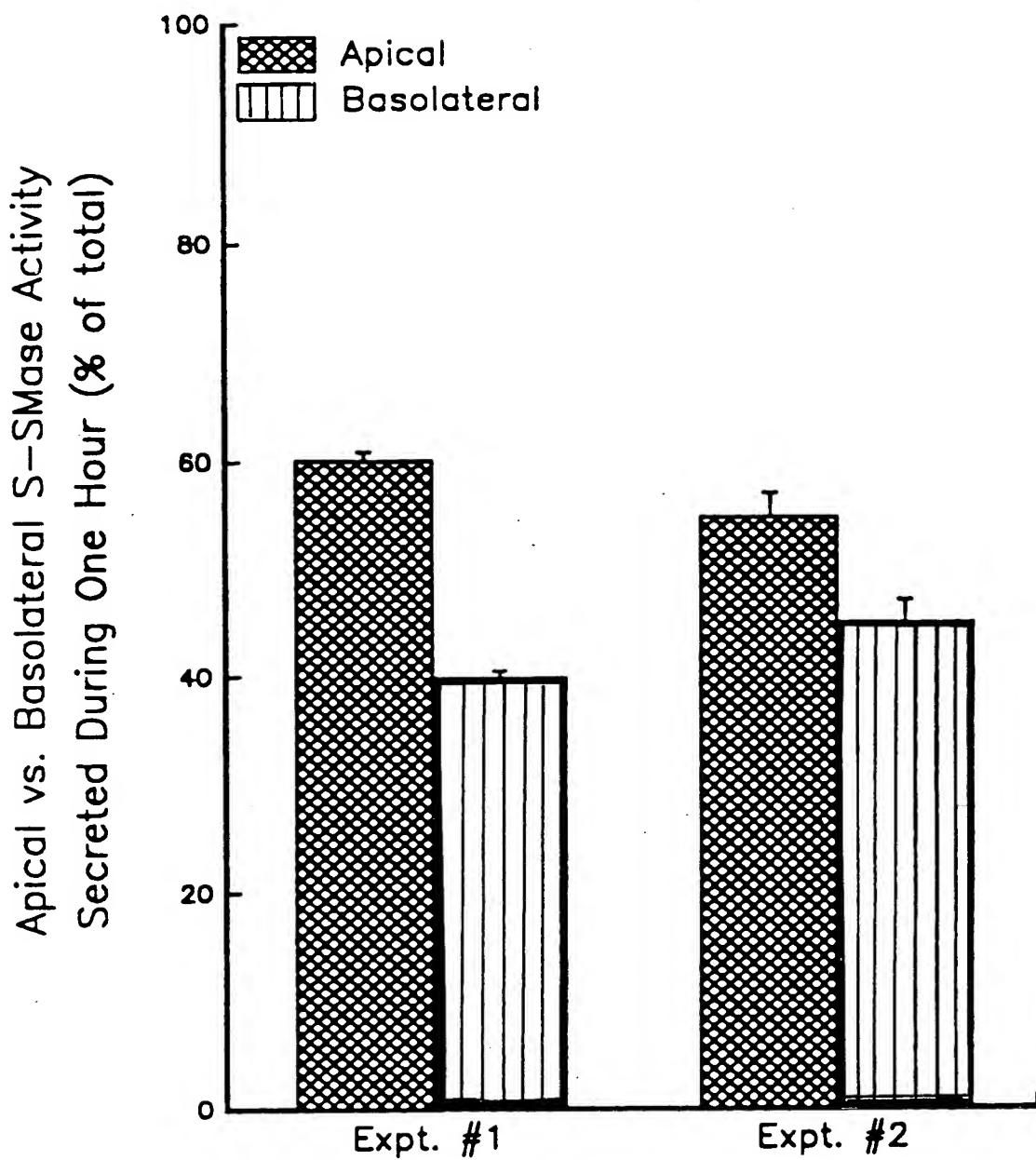


FIGURE 20B



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FIGURE 21A

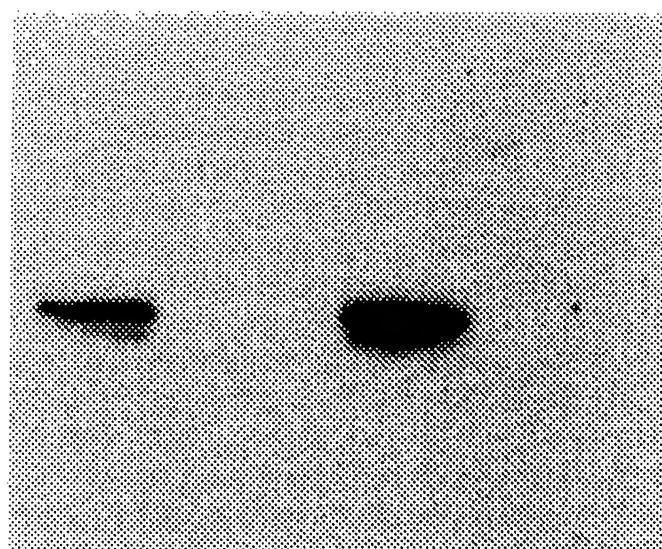


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FIGURE 21B

148 kD

60 kD



ap bl | ap bl

Expt. #1 | Expt. #2

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FIGURE 22A

A (SMase Knockout)



FIGURE 22B

B (Wild type)



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FIGURE 23A

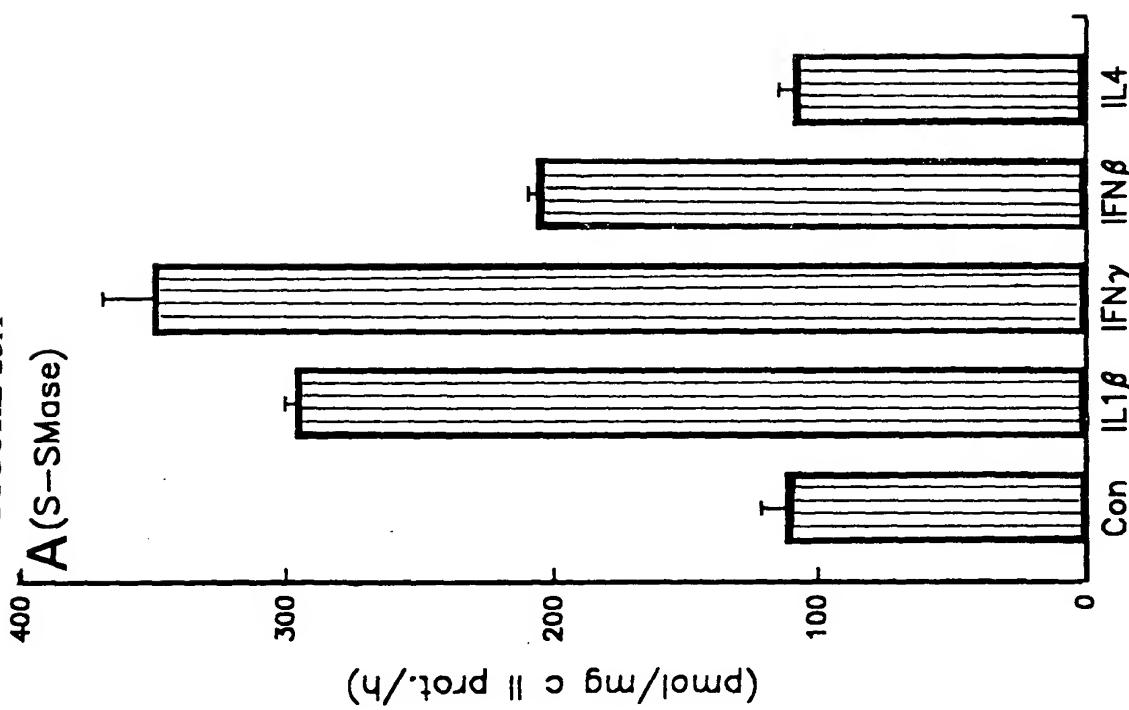
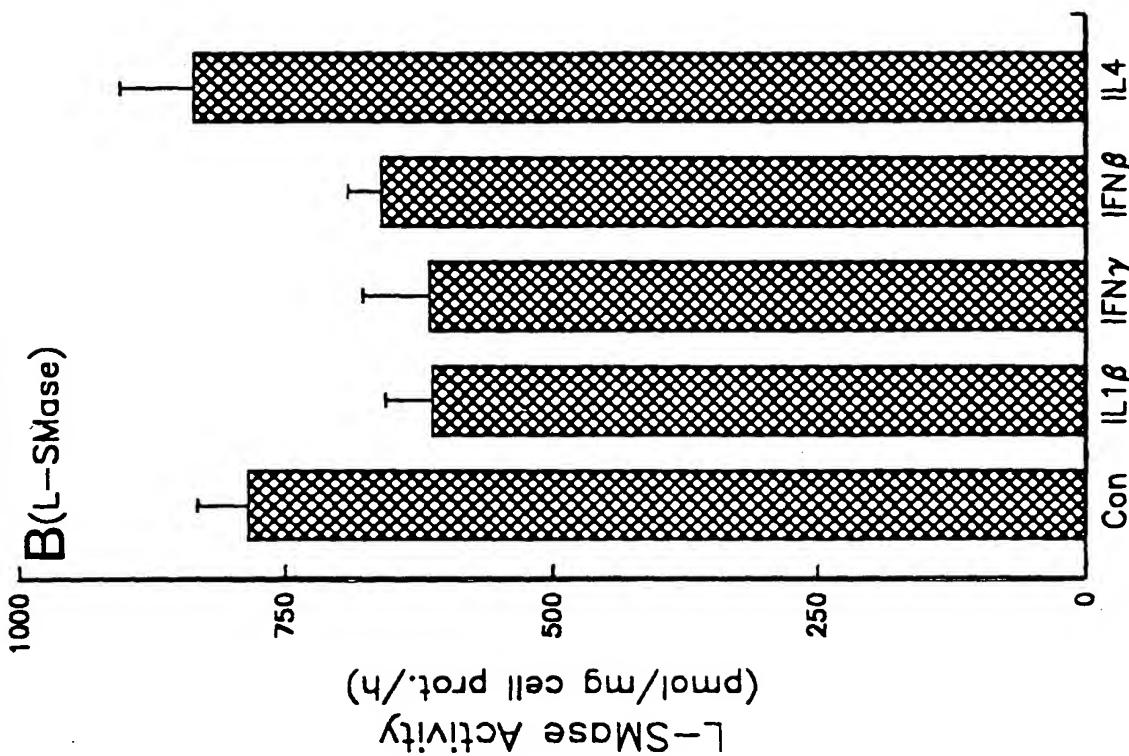
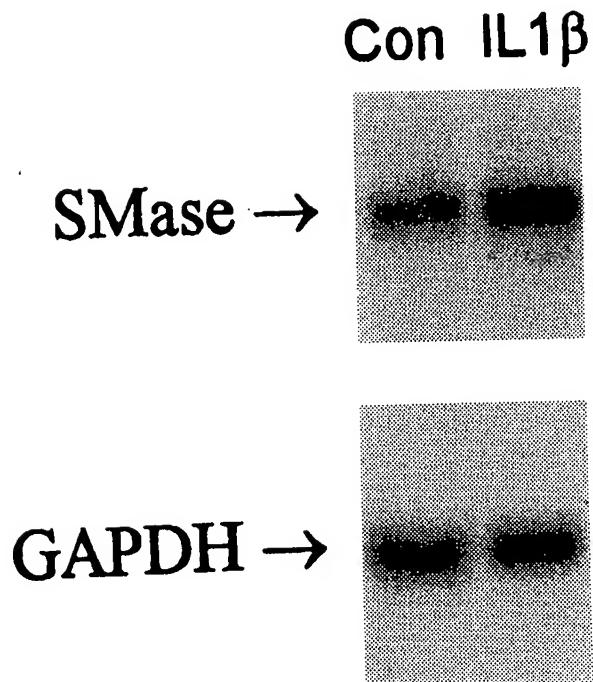


FIGURE 23B



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FIGURE 24



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FIGURE 25B

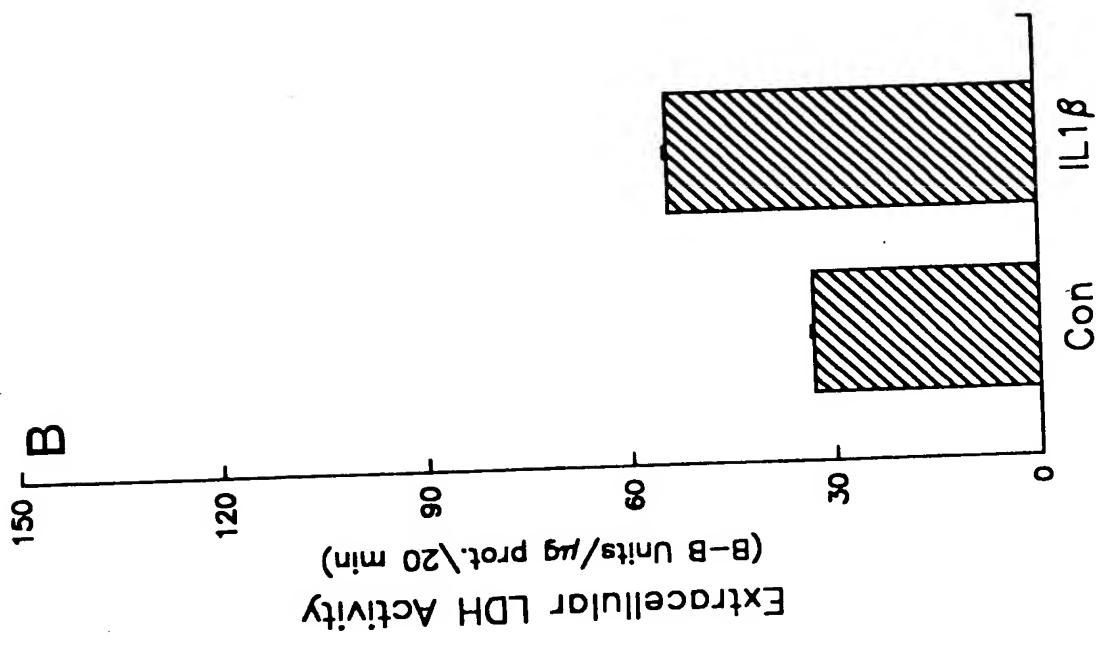
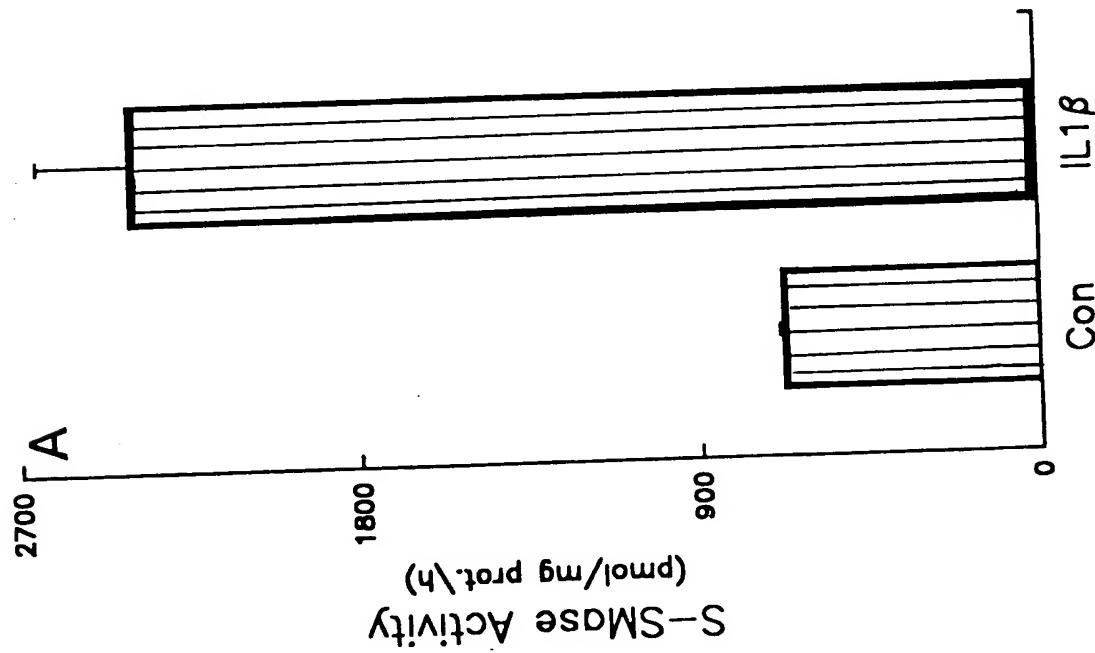


FIGURE 25A



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FIGURE 26

